

## A million hours of safe progress counted

Fluor Hanford workers on the Central Plateau Remediation Project have reached one million hours without anyone suffering a day away from work resulting from an injury.

"This is a tremendous achievement," said Larry Olguin, project director. "I'm extremely proud of our workers for doing their work safely, making safety a value, and for looking out for one another."

Safety milestones at Hanford are based on criteria established by the Occupational Safety and Health Administration. About 300 workers accumulated the million hours from Oct. 10, 2001, through Feb. 28, 2003 — a time of change and challenge for the project.

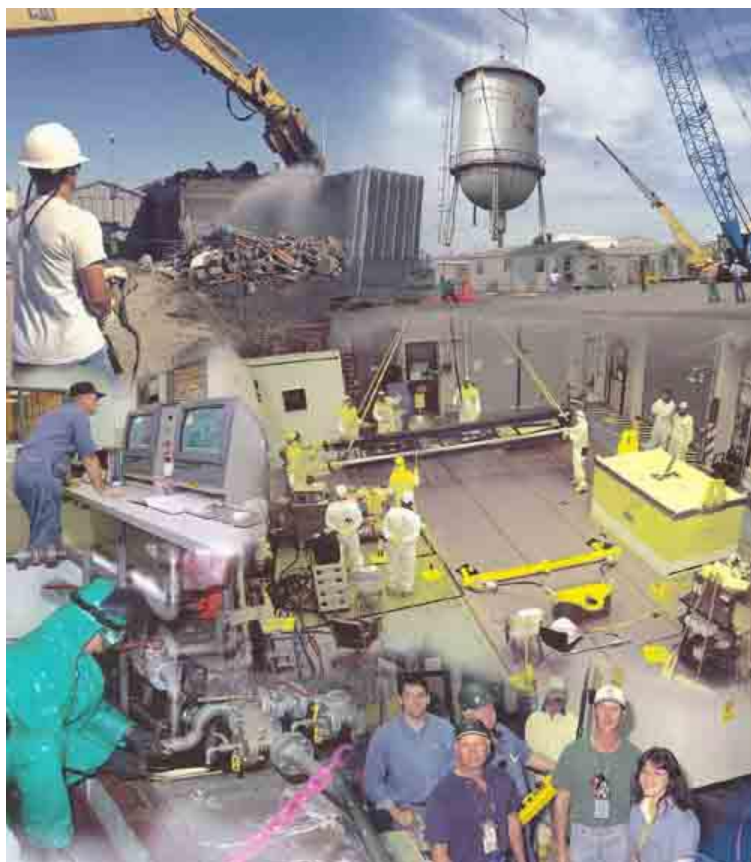
In July, to geographically consolidate waste-management efforts, DOE transferred groundwater and 200 Area work-scope from the Environmental Restoration Contractor to Fluor Hanford. The Central Plateau Remediation Project was formed, and about 100 workers were transferred into it from Bechtel Hanford and its subcontractor CH2M Hill Hanford.

"The million-hour accomplishment represents a successful blend of the safety cultures," Olguin said.

The Department of Energy Voluntary Protection Program Star had been awarded in April to what was then the River Corridor Project. After transition, DOE-VPP criteria were satisfied to transfer the star into the new organization. The DOE-VPP Star is the highest recognition of safety-program excellence, and only 20 exist in the nation — seven of them at Hanford. At the Central Plateau Remediation Project, DOE-VPP Star status and the achievement of the million-hour milestone are credited to ongoing worker involvement and to the efforts of the project's employee zero accident councils.

While the million hours were being worked, public and environmental risks were reduced by about 10 million curies of radiation through deactivation activities at the 324 and 327 Buildings, and by moving spent nuclear fuel out of the 324 Building and into dry interim storage.

Accomplishments in the 300 Area deactivation include demolishing and removing the 303-K Building slab,



**Central Plateau Remediation Project workers engaged in a variety of cleanup activities while doing work safely for a million hours.**

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## **A million hours of safe progress counted, cont.**

isolating the water to the 333 Building and deactivating its fire-protection system, supporting the removal of the 4,000-ton hydraulic extrusion press from the 313-N Building, and beginning the cleanup of the radiologically contaminated saw and lathe area in the 333 Building.

As a result of the workscope change, the Central Plateau Surveillance and Maintenance Project oversaw transition of five major deactivated facilities, more than 750 waste sites and smaller facilities, and the installation of new, permanent roofs at B Plant and the Plutonium Uranium Extraction facility, or PUREX.

The 233-S facility was prepared for decommissioning and decontamination by the removal of interior structural steel. Additional high-risk efforts have been accomplished to safely reduce plutonium contamination levels and prepare the facility for demolition.

Through the combined efforts of the Fluor and Bechtel teams on the transferred Groundwater Protection Program during 2002, five pump-and-treat systems removed contaminants from more than 1.2 million gallons, and the soil vapor extraction process removed 1,384 pounds of carbon tetrachloride, a suspected carcinogen.

“Our safety culture has helped us make cleanup progress,” Olguin said. “As we meet new cleanup challenges we remain committed to doing work safely.” ■

# Van Leuven named president of Fluor Hanford

Dave Van Leuven assumed leadership of the Fluor Hanford team as president and chief executive officer after an announcement of his promotion last Wednesday by Ron Oakley, Fluor Corporation's group executive for the Government Services group. Van Leuven had been the company's chief operating officer for the past four years. He succeeds Keith Thomson, who retired last month, and he will report to Ron Hanson, who heads Fluor's energy business line and is executive sponsor for Hanford activities.

Oakley said Van Leuven's appointment is one of many key changes Fluor Hanford is making to focus on accelerating closure at the site, and he praised Van Leuven's performance as chief operating officer. "Dave's leadership was key to our making unprecedented progress in cleaning up some of the world's most dangerous nuclear and chemical waste," Oakley said. Van Leuven has been working with his senior management team to streamline the reporting structure and align roles and responsibilities with the company's revised contract and performance incentives.

Van Leuven has more than 30 years of experience with DOE programs, including environmental restoration projects, nuclear power-plant operations and plutonium fabrication and processing. Before joining Fluor in 1996, he was president of Waste Management Federal Services of Hanford, Inc., and his previous experience included senior-management positions at Rocky Flats in Colorado and the Idaho National Engineering and Environmental Laboratory near Idaho Falls.

Van Leuven received Naval nuclear-reactor training under the direction of Admiral Hyman Rickover, and he holds a bachelor's degree in electrical engineering from the University of Washington.

"I am very pleased to have been given this opportunity to lead the Fluor Hanford team," said Van Leuven. "We have extremely talented and innovative people who are totally committed to getting the site cleaned up as safely and as quickly as possible." ■



**Van Leuven**

# Who was St. Patrick anyway?

Not much is known about the real St. Patrick, the man whose life — which ended on March 17, about 460 A.D. — we celebrate with parties and all things green. We *do* know that he didn't chase the snakes out of Ireland as myth would have it.

It's not even certain where in the British Isles Patrick was born, but it wasn't in Ireland — possibly southern Scotland. When he was in his teens he was captured in a raid, taken to Ireland against his will and enslaved by a warlord who forced him to work as a shepherd. He escaped six years later and made his way out of Ireland, to return some years later.

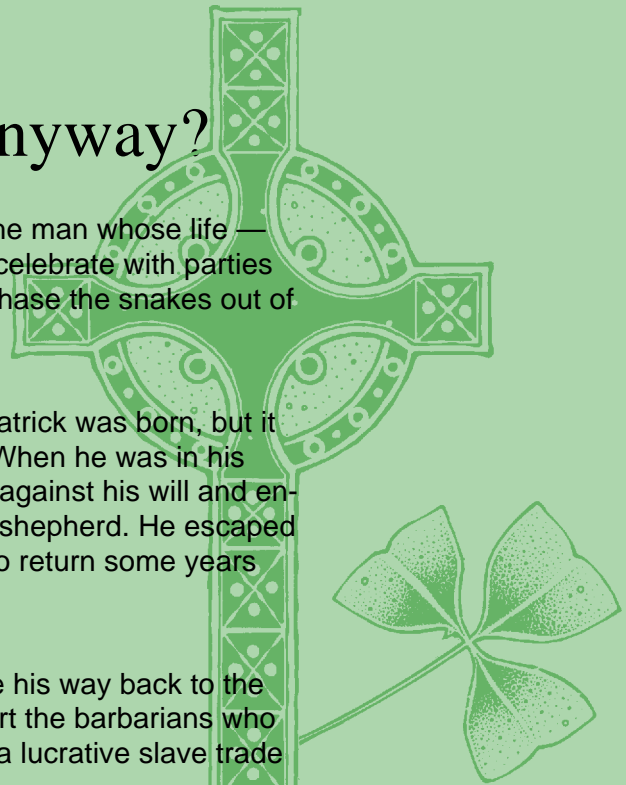
After studying to become a priest, Patrick made his way back to the land of his captivity. He was determined to convert the barbarians who were still practicing human sacrifice, carrying on a lucrative slave trade and constantly waging war.

Had Patrick never been kidnapped, the barbarism may have gone on for centuries. But, by the time of his death, slave trading and human sacrifice had nearly ceased, and the internal warfare had become more limited and "civilized." In addition, when the Roman Empire collapsed and European literacy was lost to the Dark Ages, it survived only in the Irish monasteries founded by Patrick and his successors.

Patrick's own captivity left him with a strong hatred of slavery. He may have been the first religious leader anywhere to speak out strongly against it at a time when even the Roman papacy condoned it.

March being Women's History Month, it's also worth noting that St. Patrick supported women when most men regarded them as property. In his writings, he praised the strength and courage of Irish women and deplored the suffering of women in slavery. In addition to being renowned as the patron saint of the country he evangelized, Patrick is known as a protector of the downtrodden.

So we all have reason to celebrate St. Patrick's life. Whether we're European American, Asian American, African American or not even sure of our origins, we're all Americans — but, just for today, we're all Irish.



# Pollution Prevention Award winners to be honored

Edye Jenkins, *Bechtel Hanford*

Four teams comprising more than 80 Environmental Restoration Contractor employees will be recognized by the U.S. Department of Energy at a ceremony later this spring for winning four 2003 DOE national Pollution Prevention Awards.

The employees won three awards for Hanford and joined with the DOE Oak Ridge Office of Assets Utilization to win a fourth. The awards recognize the use of materials, processes and practices that reduce or eliminate pollutants, contaminants, hazardous substances and wastes being generated and released to the environment at DOE sites.

"Pollution prevention is DOE's preferred approach to environmental restoration," said Oscar Holgado, manager of the Pollution Prevention Program for the DOE Richland Operations Office. "The ERC team members' efforts are being recognized for significantly contributing to our goal of accelerating Hanford cleanup while minimizing the generation of new wastes. The award with Oak Ridge recognizes their efforts to support homeland defense."

## Innovative program

The ERC Pollution Prevention and Waste Minimization Program won the 2003 award in the Environmental Management Systems category. This category honors the most effective and innovative programs for environmental management at federal facilities. Bechtel Hanford leads the ERC team, which includes preselected subcontractors CH2M HILL Hanford and Eberline Services Hanford. The team manages Hanford's Environmental Restoration Project for DOE.

"We are being cited specifically for our ability to enhance pollution prevention and waste minimization by integrating creative approaches such as value engineering, partnering with regulators to streamline cleanup, and developing technology to accelerate cleanup," said Doug DuVon, coordinator of Bechtel Hanford's Pollution Prevention and Waste Minimization programs.

The award is for an innovative approach that eliminated the need to dispose of more than 300,000 tons of material, and helped avoid nearly \$18 million in costs.

## New procurement software

The ERC team received an award in the Affirmative Procurement category for a new software program called P-Card Solutions. The category recognizes the most effective and innovative programs used for ordering products made with recycled or recovered materials.

"Our team worked with a locally owned small business to create a customized program that includes all EPA-approved products," DuVon said. Using the new system, the ERC team purchased more than \$112,000 worth of products containing recycled or recovered materials in fiscal year 2002, achieving the ERC's 100-percent goal for procuring products in the federally designated categories.



**Radiological control technicians operate the AIL GammaCam to look for spent-fuel fragments in the F Reactor Fuel Storage Basin. The GammaCam is one of the instruments used to make up the Advanced Characterization System, which was awarded a Pollution Prevention Award from DOE.**

*Continued on page 6.*



## **Pollution Prevention Award winners to be honored, cont.**

### **Advanced Characterization**

The Advanced Characterization System, or ACS, earned an award in the Return On Investment category. This category honors an outstanding example of an investment of DOE resources that is returning significant benefits in the form of waste reduction or cost savings.

The ACS has been used on the cocooning of D and H Reactors. It was designed as an alternative to core sampling, which generates waste, is labor intensive and requires expensive laboratory analysis. "The system integrates three off-the-shelf products that together provide faster detection and characterization of potentially contaminated concrete," DuVon said. "It reduces worker exposure by using hands-off equipment design and minimizing the amount of low-level radioactive waste generated.

"At D Reactor, the four-person team determined in six weeks that two-thirds of D Reactor was not radioactive, which eliminated the need for special work or radiological controls," DuVon explained. "A survey of that size normally would take a 15-member crew several months to complete. The survey at H Reactor took only three weeks. In addition to reducing the amount of radioactive waste for disposal, the project was completed several months ahead of schedule at a cost savings of \$728,000."

### **Homeland defense program**

The ERC team's efforts to support DOE's Homeland Defense Equipment Reuse Program were recognized in the Model Facility Demonstrations/Complex-Wide category. This award category honors achievements for outstanding contributions to waste prevention, recycling and affirmative procurement.

As part of the program, the ERC team has provided more than 800 outdated chemical detection tubes and unneeded radiological detection equipment. The equipment is being distributed to police, fire, rescue and other emergency responders across the nation. The tubes are being used to help train emergency preparedness workers for responding to possible terrorist attacks. The tubes generally are used in industrial hygiene activities at Hanford to detect nearly 40 different chemicals such as ammonia or carbon dioxide.

Winning entries in DOE's National Pollution Prevention Award Program, including the four received by the ERC team, have been forwarded to the White House for consideration in the annual Closing the Circle Awards.

DOE and Hanford contractors submitted a total of 10 entries for the 2003 awards. The entries included four from Bechtel Hanford, four from Fluor Hanford, one from the Pacific Northwest National Laboratory and one from the Hanford Site Pollution Prevention Team. ■

# LMIT's annual Information Technology Day is April 15

Lockheed Martin Information Technology is hosting the Tri-Cities' Third Annual Information Technology Day on Tuesday, April 15, at the Red Lion Hotel in Pasco. The event will run from 9 a.m. to 6 p.m., and is free to the public.

The theme for this year's IT Day symposium is "Information: America's First Line of Defense for Homeland Security." Congressman Doc Hastings and Major General Timothy Lowenberg, Washington State adjutant general, are scheduled as special guest speakers to address federal, state and local perspectives on homeland security.



Gen. Lowenberg, a recognized expert in homeland security and the role of the National Guard, serves as Gov. Gary Locke's homeland-security advisor and Washington's principal point of contact with the White House Office of Homeland Security.

The symposium will feature multiple technical tracks presented by industry IT leaders. Participants can learn more from Microsoft about VB6 to VB.Net migration, mo-

bile enterprise solutions and .Net enterprise strategy. Cisco will make a presentation on its wireless solutions. Lockheed Martin will display several homeland-security technologies as well as addressing topics such as cyber security. Also planned are special panel sessions on IT education and training opportunities in the Tri-Cities and local telecommunications initiatives.

Advance registration for participants and vendors is available online at [www.itbridge builder.org](http://www.itbridgebuilder.org), along with details regarding the event. Pre-registration deadline for the \$12-per-person luncheon is April 11. Seating is limited, so register early to secure your place.

Over the past two years, IT Day has drawn more than 2,000 people from across the Mid-Columbia. It is ideal for IT professionals, business managers, business owners and students who are interested in learning about current and emerging technologies. Participants will also have the opportunity to visit with industry-wide and regional IT vendors. More than 40 different vendors of hardware and software, telecommunications services and products for the media, education, training, employment and other fields will be showcasing their capabilities and products.

Lockheed Martin Information Technology is the major corporate sponsor of the event. Other supporting sponsors are the Tri-City Herald, Columbia Basin College, Washington State University Tri-Cities, the Washington Software Alliance and the Tri-City Industrial Development Council. ■

# DOE selects 2003 Woman of Achievement

March is Women's History Month, and Hanford's Department of Energy offices traditionally honor a DOE employee each year with the title of Woman of Achievement. This year, **Marla Marvin** was named Hanford's 2003 Woman of Achievement after being nominated by her colleagues. She will receive the award at a ceremony on March 21 at 2 p.m. in the Federal Building Auditoriums.

Marvin started at the DOE Richland Operations Office in 2000 as director of Communications. Since her arrival she has been happily involved in Hanford politics, policies and management.

Marvin also makes time in her schedule to give back to the community as a volunteer in the Community Unitarian Universalist Church and by serving on the Northwest Public Radio Development Cabinet and the board of the Community Health Center La Clinica. One of her primary goals is to make a positive difference in the world by giving back to her community and helping those less fortunate.

Outside of her job and volunteer work, Marvin enjoys reading, sea kayaking, rock climbing, mountaineering and traveling. She has visited more than 40 countries including Morocco, Yugoslavia, Greece, Egypt, Sri Lanka and India.

## Other nominees

**Beth Bilson** is now the DOE-RL assistant manager for the River Corridor and has also served as director of the Waste Management Division. Under her leadership, the transuranic certification program was created and validated, and the first shipments of transuranic waste were made to the Waste Isolation Pilot Plant in New Mexico. The Hanford program was acknowledged by WIPP as the premier program of its size in the DOE complex. In her spare time, Bilson enjoys sewing and quilting.

**Stacy Charboneau** has worked for DOE since 1994 and is currently an engineering and construction manager for the DOE-RL Office of Spent Nuclear Fuels. She also serves as the safety oversight director at the Emergency Operations Center. Last June, Charboneau gave a presentation for the Project Management Institute's 2003 Project of the Year awards program. She is also involved in the DOE Federal Women's Program and in school activities.

**Nancy Crosby** started working during her teenage years, and became a single mom when her children were ages nine and 11. She enrolled in night classes to learn the skills that led to a successful federal career. She is now in the DOE-RL Human Resource Management Division, and her recent accomplishments have included earning a mediator certificate. Her goal is to become a mentor to young women.

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**Marvin**



## DOE selects 2003 Woman of Achievement, cont.

**Julie Erickson** has been with DOE since June 1982, and has been the DOE-RL deputy associate manager for Science and Technology since November 1996. She also serves on the board of directors of the Learning Landscape and on the industrial advisory board for the University of Idaho's Chemical Engineering Department. Erickson is the mother of two boys, ages seven and four, and she stays involved in Cub Scouting and school activities.

**Carrie Fetto** started her DOE career in 1999 as an Employee Concerns coordinator, successfully resolving many difficult employment conflicts. In June 2002, Fetto became a human resources specialist, and she received an "On the Spot Award" for providing excellent support to the Office of River Protection during its 2002 reorganization.

**Emily Irwin** accepted a position with DOE-RL in 1995, and she has been a budget analyst since September 2000. She coordinates the DOE Hanford Day of Caring by working with United Way, DOE-RL and ORP employees. Her duties include assigning more than 150 volunteers to some 20 different community locations. Irwin feels that one of her greatest accomplishments is balancing her career with motherhood. She loves to spend time with her two children, and she volunteers at their schools and daycare centers.

**Catherine Louie** accepted a position with DOE in 1995 in the tank waste program. She has since transitioned to the position of area manager for the delivery of high-level nuclear waste feed to ORP's planned Waste Treatment Plant. Louie has a personal desire to encourage and promote self-esteem in her peers, colleagues, young people and women. In addition, she has recently started her own business as a Mary Kay beauty consultant, and she uses her skills and techniques to mentor young women in personal hygiene.

**Colleen Meyers** started at DOE in 1994. She works in the Safety, Health and Quality Assurance Division, where she oversees all the training for DOE-RL contractors. She says her biggest accomplishment is being married to a man who has been her best friend for 22 years, and she enjoys helping her daughter, born in 1988, grow up to be a well-rounded person.

**Judith O'Connor** has worked for the federal government for 23 years. She joined DOE in 2000 and was appointed contracting officer for ORP. Before coming to DOE, she was a cost-price analyst with the U.S. Army Contracting Center in Frankfurt, Germany. O'Connor has been married for 17 years and has two young children. Much of her spare time is spent with her seven-year-old son, who has a medical condition that requires Special Education schooling.

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## DOE selects 2003 Woman of Achievement, cont. 2

**Shannon Ortiz** has been with DOE since 1993, and she currently works in the DOE-RL Baseline and Project Control Division. She helps develop and administer performance incentives for DOE-RL contractors. With support from her family and financial help from grants, scholarships and various jobs she held throughout her college career, Ortiz received a bachelor's degree in industrial engineering from the University of Washington.

**Shirley Olinger** came to DOE in January 2001 as the DOE-RL assistant manager for Safety and Engineering, and has focused on developing her team, setting clear expectations and networking with other DOE field offices. She's a member of the American Nuclear Society and the American Society of Civil Engineers. Like other nominees, Olinger faces the challenge of balancing her career with motherhood and spending time with her children.

**Clo Reid** is a contracting officer for ORP. Before starting work with DOE, she took on numerous challenges — raising two adopted children, earning a master's degree in 1995 in contract and acquisition management, and working for the Department of Defense Logistics Agency. Her DOD career included an assignment in Wiesbaden, Germany, with the Bosnia Peacekeeping Mission. Reid's mission was to get foreign contractors to perform on delinquent contracts.

**Kimberly Williams** is currently an oversight manager in the Laboratory Management Division of DOE-RL. She oversees the Energy Science and Technology Directorate, the Science and Engineering Education Program and Atmospheric Radiation Measurement Program. She's a divorced mother of a nine-year-old honor student who is also a competitive gymnast. In her spare time, Williams enjoys singing, songwriting and being the music director for her church.

Congress established March as National Women's History Month in 1987, and the first Hanford "Women of Achievement" were honored 12 years ago. Nominations are made by the women's peers and managers. ■

# New technologies attack soil, groundwater contamination

Joseph Devary, *Pacific Northwest National Laboratory*

Soil and groundwater contamination remains one of the most time-consuming and costly environmental remediation challenges. Scientists at the Department of Energy's Pacific Northwest National Laboratory have developed several technologies to effectively treat soils and groundwater plumes. Among them are three methods for treating problems in situ (in place), rather than physically removing the contaminants and dealing with them at another location.

These technologies are in-situ redox manipulation (ISRM), in-situ gaseous treatment (ISGT) and in-situ bioremediation. All are available now for use, license or exploration of co-development opportunities.

Initially, ISRM and ISGT were developed to treat contamination by chromium — specifically hexavalent chromium, or chromium (VI). According to *Environmental Health Perspectives*, a publication of the National Institute of Environmental Health Services, this form of chromium “is a primary contaminant at over half of all Superfund hazardous waste sites.” It is a byproduct of industrial processes such as metal finishing, in which a natural chromium, chromium (III), is heated in the presence of mineral bases and atmospheric oxygen.

## Redox manipulation

Recipient of an R&D 100 Award for innovation from *R&D Magazine*, ISRM is a patented groundwater remediation technology that involves the creation of an underground treatment zone that destroys or immobilizes contamination in place. ISRM works by injecting a solution of sodium dithionite into standard groundwater wells to reduce iron naturally present in the aquifer sediments from its ferric to its ferrous state. These reduced aquifer sediments are stationary within the aquifer and become the actual treatment zone for groundwater contaminants. Hexavalent chromium is immobilized as it migrates through the treated zone under natural flow conditions.

An important advantage of the ISRM technology is its long-term effectiveness, which minimizes operations and maintenance costs. An ISRM barrier can remain effective for up to 30 years and may be “rejuvenated” by re-injection of the dithio-nite solution using the original well network. Moreover, the ability of ISRM to treat deeper and larger contaminated plumes opens remediation options once thought technically and fiscally impractical.

Large-scale demonstrations at the DOE's Hanford Site have shown ISRM to be effective. Installation of a 2,300-ft treatment barrier is under way to intercept a hexavalent chromium plume located near the Columbia River. The final phase of this project is on schedule for completion in spring 2003.

ISRM also is being applied to a Superfund site near Vancouver, Wash. The plume was created decades ago when an electroplating plant discharged chromium-tainted wastewater into a well. Following a field test in October 2002, the Environmental Protection Agency selected the ISRM technology for full-scale deployment at this site.

PNNL is adapting the ISRM technology to other contaminants, including solvents and explosive compounds. Initial field testing at a site on the Ft. Lewis, Wash., U.S. Army post showed encouraging results for the in-situ destruction of trichloroethylene.

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## New technologies attack soil, groundwater contamination, cont.

### Gaseous treatment

ISGT is a cost-effective alternative to excavation and removal for contaminated soils. The approach is particularly suitable for sites with contamination located at depths greater than 15 feet. This approach immobilizes or destroys contaminants in soils above the water table.

The technology involves injecting chemically reactive gas mixtures into the soil, destroying or immobilizing contaminants in place. For contaminants that may be reduced to non-toxic forms, a diluted hydrogen sulfide gas mixture is injected into the soil through a central borehole. The gas mixture is then drawn through the waste site by vacuum extraction boreholes located along the perimeter of the site. Reactive gas samples are monitored in the extraction wells to provide a real-time basis for tracking remediation progress.

In a cooperative effort between the DOE and the Department of Defense, PNNL researchers field-tested ISGT at the White Sands Missile Range in New Mexico by injecting hydrogen sulfide into chromate-contaminated soils. Final performance assessment findings showed that 70 percent of the chromium (VI) present at the site was reduced to a non-toxic form, chromium (III).

Laboratory tests indicate that ISGT also can be useful for immobilizing other metals, including cadmium, mercury and lead, as well as radionuclides such as uranium and technetium. PNNL is seeking industrial partners to collaborate in pursuing this promising technology.

### Bioremediation

Biological processes can degrade or transform a wide range of contaminants into non-hazardous compounds. PNNL has developed and applied in-situ bioremediation techniques for chlorinated solvents and hydrocarbon contaminants. In-situ bioremediation can be applied as either monitored natural attenuation or accelerated in-situ bioremediation.

Monitored natural attenuation is a remedy in which natural processes such as biodegradation, dispersion and adsorption reduce contaminant levels without human intervention. Regulatory acceptance of monitored natural attenuation as a remedy requires that the natural attenuation processes will meet remediation goals for the site.

In accelerated in-situ bioremediation, nutrients are added to an aquifer to stimulate the growth of bacteria that can destroy the contaminant through microbial processes. PNNL has applied this technique to successfully treat carbon tetrachloride and mixtures of chlorinated solvents at a number of federal sites.

PNNL has developed a bioremediation simulator (Reactive Transport in 3-Dimensions — RT3D) for the design of accelerated in-situ bioremediation projects. RT3D also has been used to assess monitored natural attenuation at various Department of Defense and National Priority List sites.

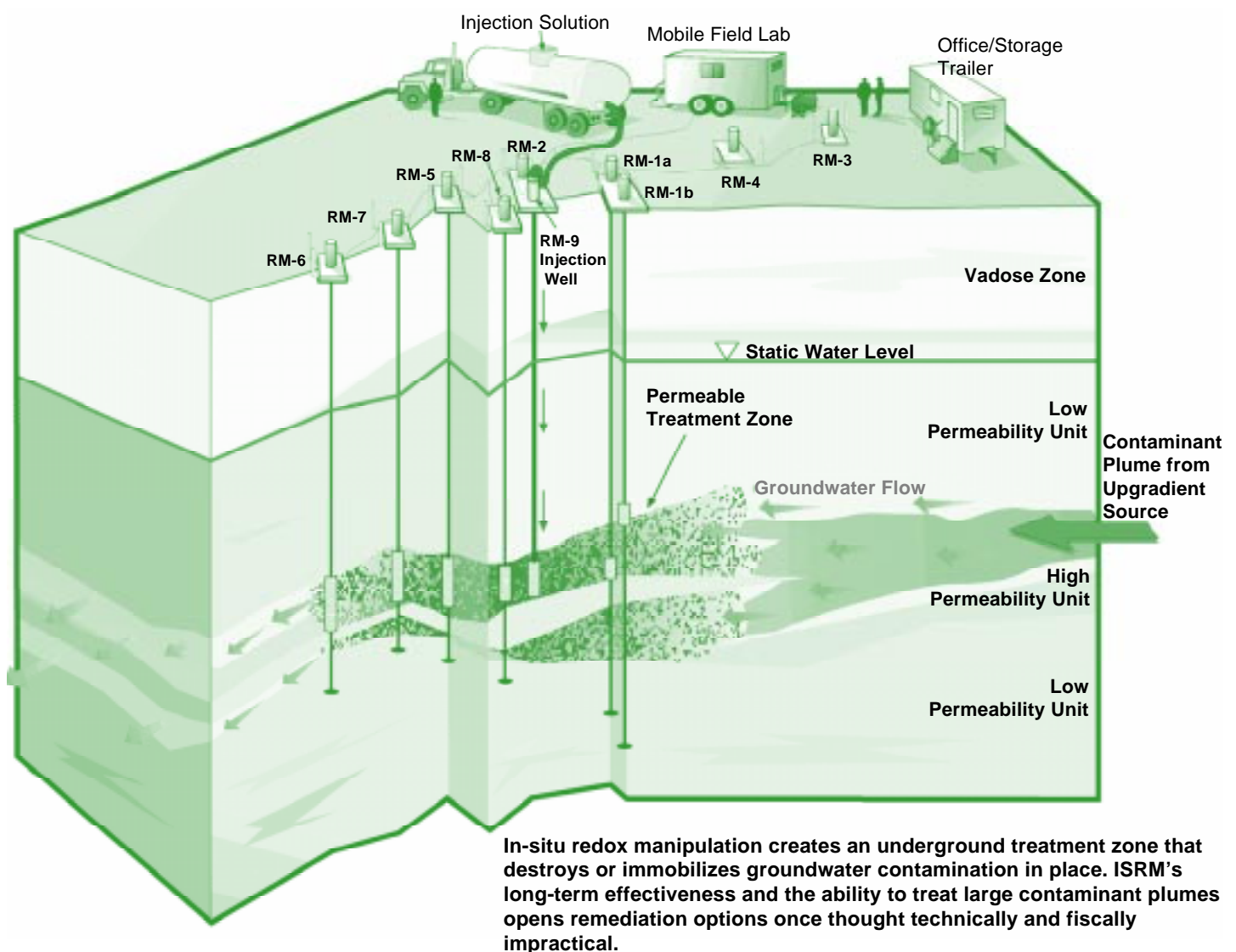
For example, at the Point Mugu Naval Air Station in Ventura County, Calif., a leaking underground storage tank had contaminated about two acres of groundwater with trichloroethene and dichloroethene. RT3D was used to design a pilot-scale test to evaluate the effectiveness of two microbial processes within the contaminated aquifer. The design was successfully field-tested and resulted in complete degradation of contaminants

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## New technologies attack soil, groundwater contamination, cont.2

to non-hazardous compounds. RT3D is publicly available; see <http://bio.process.pnl.gov/rt3d.htm> for details.

In-situ redox manipulation, in-situ gaseous treatment and in-situ bioremediation are proven cleanup technologies for contaminated groundwater and soils. For details on these and other PNNL-developed environmental remediation technologies, contact me, Joseph Devary, at 376-8345 or at [joe.devary@pnl.gov](mailto:joe.devary@pnl.gov). ■





# Contact the Counterintelligence Office before you travel outside the United States

Since the tragic events of Sept. 11, 2001, the impending Iraqi situation and the ongoing war on terrorism, certain parts of the world have become increasingly dangerous for Americans to travel to, including regions and countries not on the Department of Energy sensitive countries list.

While reporting requirements for business, corporate and personal travel have essentially gone unchanged, it may be prudent to contact your organization's counterintelligence officer before *any* travel outside the United States. Your CIO can provide you with a wealth of information regarding the country or countries you intend to visit, including current travel warnings, potential hot spots, political and civil unrest and other high-risk elements.

The Counterintelligence Office can draw from intelligence resources around the world not readily available to the general public. This service can provide two distinct benefits to you. First, information provided by the Counterintelligence Office may aid you in averting potential serious trouble and help you to recognize compromising conditions or situations. Second, you will be entered in the Counterintelligence Office record or "queue." This enables the Counterintelligence Office to have a current record of all foreign travelers in the event of world circumstances that may require accountability of our foreign travelers or coordination with U.S. Embassies or Consulates.

If you are planning foreign travel, re-familiarize yourself with your organization's travel reporting requirements. Also, you are strongly encouraged to contact your organization's Counterintelligence Office, whether required to or not. It may be the most beneficial contact you make with regard to your travel plans.

The Counterintelligence Office contact numbers are:

- Pacific Northwest National Laboratory, 372-6744, e-mail gail.anderson@pnl.gov
- Fluor Project Hanford team, 372-6922, e-mail greg.curtis@pnl.gov
- Department of Energy Richland Operations Office and Office of River Protection, Hanford Environmental Health Foundation, Bechtel, Eberline Services Hanford, CH2M HILL Hanford Group, 373-1865, e-mail mark.hanneman@rl.gov. ■

# Fluor, HEHF present 'Eat to Live'

Fluor Hanford Safety and Hanford Environmental Health Foundation are teaming to present "Eat To Live," a 30-minute nutrition presentation, at a number of work locations this month. Attendance at one of the presentations listed below will meet the March safety meeting attendance requirement for Fluor Hanford employees.

Date	Time	Location
Tuesday, March 18	8:30-9:30 a.m.	Federal Building, room 142
	11 a.m.-12 p.m.	2420 Stevens Center, room153
Wednesday, March 19	8:30-9:30 a.m.	200E Area, 2751, room A111
	11 a.m.-12 p.m.	200W Area, MO-278, room A113
Thursday, March 20	11 a.m.-12 p.m.	100K Area, MO-293
Wednesday, March 26	10:30-11:30 a.m.	400 Area, 4706, room 207

For further information, please call Carol Powe of Fluor Hanford Safety at 376-8886, or Judi Staley of HEHF Health Education Services at 372-0097. Fluor Hanford work groups that cannot attend the scheduled presentations may call HEHF Health Education Services at 373-3729 to schedule a more convenient time. ■



## Can you meet the Security Ed Challenge?

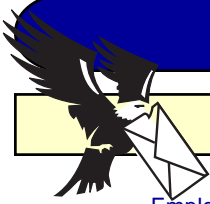
Special security measures are put in place during times of heightened security conditions, also known as SECONs.

Which of the security measures listed below should be followed when operating vehicles at Hanford, regardless of the SECON level we are in?

- A. Inspect all vehicles, both government and private, and the immediate area in which they are parked for suspicious items before entering and driving them.
- B. Ensure all vehicles, both government and private, are locked when left unattended.
- C. Inspect vehicles for expired registration.
- D. Ensure vehicles do not contain prohibited articles before driving them to work.

Do you know the answer(s)? Send an e-mail message with the correct answer(s) (indicate "Ed's Vehicle Security" in the subject line) to C. E. (Chet) Braswell. Or clip this article, circle the correct answer(s), add your name and HID number, and send your response to Security Education at MSIN L4-09. Prizes will be awarded to randomly drawn correct entries. The names of prize-winners and the correct answer will appear in a future *Hanford Reach* article.





## Regular Features

### LETTERS

Employees are invited to write letters of general interest on work-related topics. Anonymous letters will not be printed. We reserve the right to edit letters or not to accept letters for publication. Send your letters to the *Reach*, B3-30, or to \*Hanford Reach on e-mail. Letters are limited to 300 words, and must include your name, company, work group and location. Opinions expressed are those of the author and not of DOE-RL, ORP or their contractors.

### Rumble strips help prevent accidents

I am writing in response to "Getting in the groove," (*Hanford Reach*, March 3) concerning the placement of rumble strips at the barricades. As a Hanford Patrol officer, I'd like to provide some insight on the effectiveness of these traffic safety devices.

The rumble strips are very effective in slowing down traffic as commuters approach the barricades for badge inspection. The rumblestrips alert the driver with a mild tire rumble as his or her car passes over the strips.

The vast majority of drivers at Hanford are very responsible and attentive to the operation of their vehicles. However, there are a few who drive distracted and the rumble strips assist in alerting these drivers to the approaching checkpoint. Routinely, there are drivers who speed up to the barricade with a coffee cup and cigarette in one hand, a cell phone in the other and the car radio blasting, and they try to show the patrolman a badge. To this situation, sometimes add bright morning sunshine from the east, fog, darkness, rain or snow.

One might think: How could a driver not see the many lights, signs, reflectors and vested Patrol officers? But a number of drivers in the past years have run into the barricades. One vehicle rammed through all the crash barriers at the Yakima Barricade. It didn't stop until it hit the telephone poles in the last row of sand-filled barriers! The flying sand and rocks peppered and broke one of the bullet-resistant windows in the barricade. Had the rumble strips been in place, I doubt this accident would have occurred.

I am not aware of any collisions with the barricade since the installation of rumble strips. The State of Washington has installed rumble strips along a number of interstate highways. This traffic-safety device has prevented untold numbers of accidents.

I'm thankful we have the rumble strips as an added safety measure in our Hanford safety program.

Attentive drivers will quickly discover that, the

slower one drives over the rumble strips, the less of an irritant they will be.

**Robert Himrod**  
*Fluor Hanford*

### Quit grumbling about the rumbling

In regard to the letters to the *Hanford Reach* complaining about the rumble strips ("Getting in the groove," March 3, and "Commute is tough on cars," March 10), I would like to say, stop whining!

I don't recall that the Department of Energy, Rockwell, Fluor or anybody else twisted my arm to take a job on site, regardless of the drive. I'll bet that the majority of our co-workers who were recently laid off or who soon may be laid off would jump at the opportunity to drive out here again, whatever the roads are like!

Perhaps Mr. Keck, or anybody else for that matter, would like to take a job at one of the local McDonald's and bypass the rumble strips. Just think of all the money that would be saved in both fuel and maintenance.

Don't sweat the small stuff!

**Kevin Miller**  
*Fluor Hanford*

### A knee-jerk fix

While any accident is certainly unfortunate, and I have absolutely no intention of belittling anyone who was involved, the photo ("Slow Down!") and caption in the March 10 issue of the *Hanford Reach* about a 5-mile-per-hour speed limit seems to be a typical knee-jerk reaction that takes place all across the site.

I have absolutely no knowledge of the accident and I do not intend to place blame on anyone, but couldn't a better sign be used in the parking lot to warn drivers that there are pedestrians about, and likewise to warn pedestrians that there are vehicles being driven in the area?

In speaking with the Benton County Sheriffs Office, a 5-mph speed limit in a parking lot is not enforceable. While I would not promote reckless driving, or any other such activity, I think that instead of looking for a "quick fix" we should expend our efforts on determining the actual root cause of an event and fix that cause,

*Letters continued on next page.*

## Regular Features



### LETTERS continued

not just treat the symptoms. This would apply to any happening, not only here at work, but also at home.

Again, I am not interested in upsetting anyone involved in the accident; I would just like to point out that this is an example of how problems seem to get “fixed” lately at Hanford.

**Tom Kimmel**  
*Fluor Hanford*

### Would like to save energy at home, too

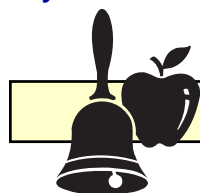
In the March 3 issue of the *Hanford Reach* there was an article (“Saving Power,”) about the WattStopper™ power strip. Also see “Energy-saving power strips available on site at no cost,” Feb. 10).

I put one in my office and I like it so much that I would like to put one in my home too, but I have not been able to find a store in the Tri-Cities that carries them.

Could you, or somebody I could contact, help me?

**Philippe Bosquet**  
*Numatec Hanford Corporation*

**Editors’ note:** Wattstopper products can be purchased online at <http://www.wattstopper.com/products/buynowlist.html>.



### C L A S S E S

#### PROTRAIN offers the following software classes:

- **Network Security Administration** — March 17-21
- **Primavera Project Planning**
  - P-3 601 — March 24-26
  - P-3 602 — March 27
  - P-3 603 — March 28
- **Microsoft Access 2000**
  - Level 1 — March 17
  - Level 2 — March 18
  - Level 3 — March 19

Office XP classes are now available. For more information call 375-0414.

#### HAMMER sponsors RCRA seminar

The Volpentest HAMMER Training and Education Center will sponsor a three-day Resource Conservation and Recovery Act seminar from McCoy and Associates on March 18, 19 and 20 at the Red Lion Hotel in Richland. Registration will be limited to the first 200 participants. Site personnel may register for the seminar with their training schedulers or through PeopleSoft. The cost is \$550. Course agenda or additional information may be obtained by contacting your training scheduler or Don Brock via e-mail.

#### Spelling seminar offered by Skills Lab on March 20

A Spelling Seminar will be presented Thursday, March 20, from 7:30 to 11:30 a.m. in room 31 of the Administration Building of the Volpentest HAMMER Training and Education Center. There is no charge for this service, but only a few seats remain, so reserve space immediately by calling 376-3250. You’ll conquer “the Terrible Ten”— the 10 most commonly misspelled words — and learn key rules for spelling over 4,000 other words correctly. You’ll clarify commonly confused words and learn memory tips and strategies. Columbia Basin College faculty from the Skills Enhancement Lab will present the session. Following the seminar, the Skills Lab staff will host an informal open house for those interested in learning more about Skills Lab services. For more information or to sign up for the Spelling Seminar, call Kathy Dechter at 376-3250.

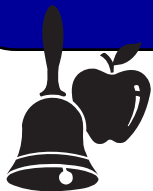
#### PNNL offers speech and presentation workshop

The workshop, “Say what? How to Deliver Effective Speeches and Presentations,” will be offered by the Scientific and Technical Information Department at Pacific Northwest National Laboratory on March 20-21, 8 a.m.- 4:30 p.m. in the Columbia River Room of ETB. Pam Novak, Cheryl Spears, Mary Frances Lembo and Michaela Mann are the instructors. If you want to equip yourself with the skills to simultaneously be in command of yourself, in touch with your audience, on top of your material and in sync

*Classes continued on next page.*



# Regular Features



## CLASSES continued

with your visual and verbal aids, you are invited to attend. Register early; class size is limited to 20 participants. The cost is \$425. To register, contact Cory Rhoads at [cory.rhoads@pnl.gov](mailto:cory.rhoads@pnl.gov) or at 376-7157. For more information, contact Mary Wagner at [mary.wagner@pnl.gov](mailto:mary.wagner@pnl.gov) or at 372-4259, or visit <http://workshops.pnl.gov>.

### **Course on ASME B31.3 Process Piping presented**

The Columbia Basin Section of the American Society of Mechanical Engineers will present the professional development course, ASME B31.3 Process Piping, March 24-27 at Washington State University Tri-Cities. The instructor is Glynn Woods, and the cost is \$1,395 for ASME members and \$1,545 for nonmembers. This course demonstrates how the B31.3 Code has been correctly and incorrectly applied through examples shown by the instructor. To register, contact Matt Robinson at 371-5858 or at [matt@asme.org](mailto:matt@asme.org). For more information, visit [http://www.asme.org/sections/cb/B31\\_3course.html](http://www.asme.org/sections/cb/B31_3course.html).

### **MicroShield course offered May 6-8**

Project Enhancement Corporation will conduct a MicroShield course, all-inclusive level, at the Volpentest HAMMER Training and Education Center May 6-8. MicroShield is used for analysis involving gamma and X-ray radiation. The software has been applied to problems involving shielding design, waste calculations, decontamination effectiveness, source inference, ALARA decisions and many other situations where exposure of personnel or equipment is to be analyzed. The cost is \$1,050 per participant. The course offers 10 continuing education credits for certified health physicists in the recertification program. To register or for more information, contact Yvonne Miller at (240) 686-3059 or at [ymiller@pec1.net](mailto:ymiller@pec1.net). ♦

## CALENDAR



### **AQP/ASQ scholarship applications available**

Applications for the local chapters of the Association for Quality and Participation (AQP) and American Society for Quality (ASQ) \$1,000 scholarship are being accepted now through April 15. The scholarship will be awarded to a college-bound high school senior pursuing a career in a field related to quality and participation. Applicants must be seniors, graduating from high school in Benton or Franklin County, with an overall GPA of 3.5 or higher and a combined SAT score greater than 1,000. The application process includes a written essay as well as submittal of two letters of recommendation. For more information, check the AQP Web site at [http://www.3-cities.com/~gates/AQP\\_ASQscholarship.html](http://www.3-cities.com/~gates/AQP_ASQscholarship.html).

### **SHRM meets March 20**

The Society of Human Resource Management will hold its dinner meeting on March 20 from 5:30 to 7 p.m. at Coco Loco, 2588 N. Columbia Center Blvd. in Richland. Candice Bluechel, business services coordinator for Columbia Basin WorkSource will be the featured speaker. The cost is \$13.50 per person. To make your reservation, visit [www.columbia-basin-shrm.com](http://www.columbia-basin-shrm.com) and click on Chapter Meetings, or send an e-mail message to [tracie\\_lorenzen@rl.gov](mailto:tracie_lorenzen@rl.gov).

### **Procurement integrity and ethics seminar scheduled**

The Columbia Basin Chapter of the National Contract Management Association is sponsoring a Procurement Integrity and Ethics Seminar on March 20, 8 to 11 a.m. at the Richland Red Lion. Toni Martin and Alan Rither will present this seminar. The seminar will cover the laws, rules and regulations that you must know, as well as how to best represent your organization during the acquisition process. Participants will walk away with the tools necessary to keep their organization in compliance with their contracts. The seminar is offered to NCMA members for \$85 and nonmembers for \$100 and includes NCMA's regular lunch meeting at 11:30 with an additional presentation by Martin and Rither. Call 946-5058 or send an e-mail message to [Creynolds@pec1.net](mailto:Creynolds@pec1.net) for registration information.

*Calendar continued on next page.*



## Regular Features

### CALENDAR continued

#### **Hanford Technical Library demonstration set**

The Hanford Technical Library staff will demonstrate the use of environmental resources databases Thursday, March 20, 12 to 1 p.m. in room 101R of the Consolidated Information Center on the campus of Washington State University Tri-Cities in Richland. Learn what online databases are available to you at no cost, what e-journals can be accessed through the Hanford Technical Library's home page and how to browse library stacks from the office desktop. For more information, contact Yung Harbison at 372-7453 or at [yung.harbison@pnl.gov](mailto:yung.harbison@pnl.gov).

#### **March 22 dance to raise funds to mentor students**

The Richland Chapter of Alpha Phi Alpha Fraternity, Inc. is sponsoring an Oldies But Goodies Dance on March 22 from 9 p.m. to 12:30 a.m. at the Richland Knights of Columbus Hall, 2500 Chester Rd. Tickets are \$15 per person and \$25 per couple. Proceeds from this event will support educational and tutorial programs to prepare middle-school students for high school and college. For more information call Bertrand Griffin II at 545-1949 or Russell Flye at 372-1941.

#### **Donate blood March 25**

The American Red Cross Bloodmobile will be at 2261 Stevens Drive for a blood drive on March 25 from 9 a.m. to 3 p.m. To schedule an appointment to give blood, contact Kelly Layfield at 376-6785.

#### **City University holds open house March 27**

City University will hold an open house on Thursday, March 27, 5-7 p.m. The open house is an opportunity for current and prospective students to meet with department representatives and faculty and to learn about the various services available at City University. The address is 303 Bradley Blvd., Suite 202, Richland. The City University campus is located at the north end of the golf course at Comstock and George Washington Way. Call 943-9887 for more information.

#### **Conference for office professionals scheduled**

Registration is open now through April 8 for the 17th

Annual Hanford Office Professionals Training and Development Conference, April 15-16 at the Royal Hotel (formally the Tower Inn) on George Washington Way in Richland. The two-day conference has identical programs each day to allow flexibility in scheduling companies and participants. "Learning Curve for a Lifetime" is the conference theme. JoAnne Nai-che of nai-che & associates, inc., will provide the morning motivation; Scott Lerch of Microsoft will discuss smart living in the digital decade; Kathy Dechter will punch up your punctuation; and Barry Weaver of the U.S. Department of Energy will "Lighten up" the afternoon. The conference can accommodate up to 200 participants each day. Limited seating is available for each company, so register early. For more information, visit the Web site at [www.hanford.gov/misc\\_info/professional/index.html](http://www.hanford.gov/misc_info/professional/index.html). The conference is hosted by Fluor Federal Services and Eberline Services Hanford, Inc.

#### **Fish-tagging crew wanted at Hanford town site**

A crew of four to six people (over age 16) is needed for up to 12 days starting approximately May 12 to assist the Yakama Indian Nation in tagging 200,000 juvenile wild fall chinook salmon at the old Hanford town site at Hanford. No prior experience is necessary. Wages are \$9.50 per hour. Weekend work may be required. For further information, please contact the Columbia River Inter-Tribal Fish Commission at (503) 238-3566 or via e-mail at [tagfish@critfc.org](mailto:tagfish@critfc.org).

#### **May 10 golf tournament to benefit Girl Scouts**

Girl Scouts Mid-Columbia Council is holding the Fourth Annual Girl Scout Golf Classic Tournament on May 10 at the Tri-City Country Club in Kennewick. The Girl Scouts Mid-Columbia Council supports programs for girls — camps, sports activities, cultural and science and engineering events — in more than 14 counties in Washington and northern Oregon, including the Tri Cities.

The shotgun start is at 1 p.m. Entry fees are \$100 per player, \$400 per foursome. Prizes will be awarded. A silent auction will be held. For more information, call the council office at 783-7721. ♦

*Features continued on next page.*

# Regular Features



**H**.anford **E**.mployee **R**.ecreation **O**.rganization

## GENERAL INFO & ACTIVITIES

### MAIL YOUR TICKET REQUESTS TO THE APPROPRIATE LISTED TICKET SELLER

— It saves the ticket sellers' time and your tickets will be sent to you the same day. Do not combine the charge for tickets to two different events on the same check. If you do, it will be returned.

**HRA DISCOUNTS** — Log on to <http://apweb02.rl.gov/hrd/> to see the updated discounts list.

**HERO POLICY FOR NSF CHECKS** — Associated non-sufficient fund bank fees will be passed on to check issuers. HERO will not absorb the cost.

**POSITIONS ON THE HERO BOARD** — The following positions on the HERO Board are vacant: 100 Area representative, Richland area representative and discount coordinator. If you would like to apply and have your manager's consent, send an e-mail message to Phyllis Roha.

**SKI BLUEWOOD** — Lift ticket vouchers are \$27 for adults, \$23 for students (with valid ASB card), \$20 for children (in first through eighth grade) and seniors (65 years and older). These prices reflect a \$3 discount. Send your check payable HERO to Tricia Poland (T5-04).

**DISCOUNTED MOVIE TICKETS** — Limit now 10 per purchase. Carmike tickets are \$5 each with restrictions applying only to Sony DDS movies. Regal tickets are \$5.50 each and applicable restrictions are identified in the *Tri-City Herald* with a star. Yakima Mercy tickets are \$5 each with no restrictions. Regal and Carmike tickets are valid in Seattle and Spokane as well as the Tri-Cities. For Regal or Carmike tickets, send checks (no cash) made payable to HERO to Linda Meigs (H3-12), Linda Sheehan (T4-40), Nancy Zeuge (X3-74), Michelle Brown-Palmore (A7-51), Ginny Wallace (S7-03), Marta Cabellero (S5-14) or Patti Boothe (T6-04). Sunnyside Movie Theater is now offering tickets for two admissions for one show, for \$9.50 with no show restrictions. These tickets are also good for Ellensburg and Walla Walla. For Yakima Mercy or Sunnyside tickets, send checks (no cash) to Nancy Zeuge (X3-74), Jim Hopfinger (S7-39) or Tricia Poland (T5-04).

**YAKIMA CHRISTMAS PARTY?** — Your Yakima HERO representative is looking for your input in our efforts to re-establish the Yakima Christmas Party for 2003. Contact Jim Hopfinger with your ideas and support. Send an e-mail message to Jim or phone him at 376-1499.

## UPCOMING TRIPS

**HERO'S FIRST ANNUAL TRAVEL NIGHT** — If you are interested in any of the trips HERO is hosting this year, come to the Richland Library after work on March 21. HERO representatives will be there from 4 to 6 p.m. with refreshments, door prizes and a short presentation on some of the trips. Trip hosts will be available to answer questions and distribute brochures. If you plan to attend, send an e-mail message to Phyllis Roha and let her know what trips are of interest to you, as a headcount is needed.

• **Canadian Rockies Train Tour** — May 9-17. The price is \$2,199 pp including round-trip airfare from Pasco. Price includes 14 meals, tours, transfers and taxes. Payment is due as soon as possible. Fly to Vancouver, British Columbia, and explore the beautiful Canadian Rockies by train. Visit Kamloops, Jasper, Ice Fields Parkway, Lake Louise, Banff and Calgary. Visit <http://apweb02.rl.gov/hero/activities.cfm> for more information or contact Phyllis Roha at 376-6413 or by e-mail.

• **New Orleans Getaway** — May 19-23. \$1,099 ppdo includes airfare, lodging and six meals during this five-day getaway to the "Jazz Capital of the World." A deposit of \$160 per person will reserve your spot. Contact Linda Meigs for details.

• **French Riviera** — Oct. 6-15. The price is \$2,284 pp for twin, \$2,254 pp for triple and \$2,584 for single. A deposit of \$430 is due March 21 to hold your space, and the balance is due July 23. Credit cards are accepted. Tour the French Riviera, Italian Riviera, Monaco, St. Tropez, Cannes, Grasse and Nice. We will fly round-trip from Pasco. We only have to unpack once as we will be staying in Nice and taking day trips to all the other exciting places. There will be free time also to do your own exploring. Included are seven breakfasts and five dinners. Start saving now for an exciting adventure. E-mail Nancie Simon or call 373-2587 for more information.

• **Disney World/Disney Cruise** — Oct. 19-26. The price ranges from \$1,302 to \$1,852 ppdo, depending on the type of room you want. The price includes round-trip airfare from Pasco, four days in Walt Disney World with entrance into all the parks, a three-day cruise to the Bahamas and Castaway Cay (Disney's private island), taxes and transfers. Don't wait to send in a \$250 per person deposit to hold your spot. Contact Jim Hopfinger for more information.

*H.E.R.O. continued on next page.*





## Regular Features

### H.E.R.O. continued

- **Reflections of Italy** — Departure date is Nov. 3. \$2,782 ppdo includes airfare, lodging and 13 meals during this 10-day journey to Italy, beginning in Rome, "the Eternal City." A deposit of \$430 per person will reserve your spot, with final payment due Sept. 4. Contact Linda Meigs for details.
- **Switzerland** — Nov. 3-11. The price is \$1,879 pp including round-trip airfare from Pasco. Price includes 11 meals, tours, transfers and taxes. A \$250 deposit is due May 3 and the balance is due Sept. 4. The medieval city of Bern is our host city. Highlights of the tour include the Swiss Parliament, the famous Bear Pit, the Rose Gardens, Lake Geneva and the medieval Castle of Chillon. Enjoy breathtaking Alpine views with a ride on the Panoramic Express Train to Gstaad. Then on to Interlaken, Grindewald, Zurich, Burgdorf Castle, Lucerne and an optional tour to Germany and the mystical Black Forest. Visit <http://apweb02.rl.gov/hero/activities.cfm> or contact Phyllis Roha at 376-6413 or by e-mail for more information. ♦



### VAN POOLS

Vanpool ads are run for two weeks. Ads must be resubmitted to run in subsequent issues of the *Hanford Reach*. The deadline for submission is Thursday, 10 days prior to publication.

Day and Zimmermann Protection Technology Hanford reminds employees to wear their badges. Vanpool and carpool drivers are responsible for ensuring their passengers are badged. If a passenger forgets his or her security badge, access is denied at the barricade. The individual is required to go to a badging station for a temporary badge or go home to retrieve the badge. For more information visit the Safeguards and Security Web page at <http://apweb02.rl.gov/phmc/sas>.

### BENTON CITY

Rider wanted for 8x9s vanpool from Benton City to 200W. Contact **Charlotte Burruss** by e-mail or at 373-4046. 3/10

### KENNEWICK

Riders needed for Van No. 146. The van starts at Chuck E. Cheese, stops at the Federal Building and goes to 2750, 2719-EA, WESF, MO-434 and 2704-HV. Call **Barb** at 373-2006 or **Bobbie** at 372-0031. 3/10

### PASCO

Van No. 213 out of Pasco needs riders. Leaves Desert Ice, across from the Broadmoor Mall off of Road 100, at 6:10 a.m. Drops off at 2750-E and at 2704-HV (and any place along the way). Backup drivers welcome, but not necessary. Evening pickup in reverse order. Van arrives back at Desert Ice at approximately 5:20 p.m. E-mail **Doug Bailey** at [douglas\\_m\\_bailey@rl.gov](mailto:douglas_m_bailey@rl.gov). 3/10

### RICHLAND

Vanpool No. 183 from Richland Wye to 100K is seeking riders and backup drivers, 8x9, 7 a.m. to 4:30 p.m. Leaves the Richland Wye Park 'n Ride and makes one stop at the West Richland Bypass Highway exit. Drops off at 100K central parking lot by MO-500. Contact **Amy Hay** at 373-9962, or at 528-0477 (cell phone). 3/17

Megavan No. 181 to 100K has openings. Picks up at the Ben Franklin Transit lot on Columbia Drive in Richland and the former Hanford bus lot. Drops off at MO-293, MO-500, and MO-401 at 100K. The best ride in the fleet to and from work. Contact **Ginger Petaschnick** at 372-2820. 3/17

Van No. 117 has spacious seating for 200W Area 8x9 riders. The van travels from the parking north of Densow's Drugstore at 1019 Wright in Richland at 6 a.m., and returns about 5 p.m. Stops at locations around the old Pow-erhouse and West Tank Farms. E-mail or call **Gary Bush** at 372-2531. 3/10

Vanpool No. 114 has an opening for a rider to PFP. The van leaves the 1200 block of Birch Avenue in Richland at approximately 6:10 a.m., picks up along Wright Avenue. The final pickup is at Desert Rock Fellowship on Jadwin Avenue. Interested Individuals may contact **John Faulkner** at 373-2286 or **Gary Anderson** at 373-1304. 3/10

### WEST RICHLAND

Van No. 120 on 8x9s is looking for two riders. Van leaves at 6:10 a.m. from Flat Top Park for the following locations: 272-AW, MO-273, 2750, 272-B and 2727-E. Contact **Glenn Garman** at 372-0054 or **Curt Hedger** at 373-7935. Sit back and enjoy the ride and keep your gas bill down. 3/17 ♦



The Horn Rapids golf league will run Tuesday nights from April 15 to July 29 with playoffs on Aug. 5 at the Horn Rapids Golf Course. Some tee times are still open for complete teams. Individual players are welcome. League greens fees are \$14 for 9 holes, which includes \$3 for the player prize fund. Carts and range balls are also available in the pro shop. Tee prizes are awarded each week for both 9's. The league uses stroke play format with league handicaps maintained for the players. Final league standings are based on team results. The league will also have a preseason starting on March 25 for all players who wish to participate to "find their games" and establish handicaps. Interested players and teams should contact Fred Jensen at 373-2447 or 376-4479 or at [Frederick\\_A\\_Jensen@rl.gov](mailto:Frederick_A_Jensen@rl.gov) or [Fred.Jensen@mactec.com](mailto:Fred.Jensen@mactec.com). ♦